AMENDMENTS TO THE CLAIMS

Please amend the claims as follows.

1. (Currently Amended) A method of measuring and ~~display~~displaying an actual quantity of electricity of a rechargeable battery being charged by an external power source via a charger, the method comprising the steps of:

(a) ~~Power-out step. Issuing~~issuing a predetermined power out signal from said charger to temporarily disable the external power source;

(b) ~~Quantity of electricity of said rechargeable battery feedback step. Sending~~sending a signal indicating the actual quantity of electricity of said rechargeable battery as feedback to said charger in response to said disabled external power source; and

(c) ~~Display step. Configuring~~configuring said charger to have a predetermined reference voltage so as to compare said reference voltage with a voltage of said feedback actual quantity of electricity of said rechargeable battery to obtain a voltage ratio with respect to the actual quantity of electricity of the rechargeable battery, and issue a display signal to a display for displaying a measurement based on said voltage ratio.

2. (Currently Amended) The method of measuring and ~~display~~displaying an actual quantity of electricity of rechargeable battery according to claim 1, wherein said display is an LED assembly.

3. (Currently Amended) The method of measuring and ~~display~~displaying an actual quantity of electricity of rechargeable battery according to claim 1, wherein ~~saiddisplay~~ said display is a liquid crystal display.

4. (Currently Amended) The method of measuring and ~~display~~displaying an actual quantity of electricity of rechargeable battery according to claim 1, wherein said display is a seven-segment display.

5. (Currently Amended) The method of measuring and ~~display~~displaying an actual quantity of electricity of rechargeable battery according to claim 1, wherein said rechargeable battery is a lead acid type rechargeable battery.

6. (Currently Amended) The method of measuring and ~~display~~displaying an actual quantity of electricity of rechargeable battery according to claim 1, wherein said rechargeable battery is a nickel hydrogen type rechargeable battery.

7. (Currently Amended) The method of measuring and ~~display~~displaying an actual quantity of electricity of rechargeable battery according to claim 1, wherein said rechargeable battery is a nickel cadmium type rechargeable battery.

8. (Currently Amended) The method of measuring and ~~display~~displaying an actual quantity of electricity of rechargeable battery according to claim 1, wherein said external power source ~~is adapted to supply~~supplies power to the rechargeable battery via the charger in a constant current (CC) mode.

9. (Currently Amended) The method of measuring and ~~display~~displaying an actual quantity of electricity of rechargeable battery according to claim 1, wherein said charger comprises:

a control unit having a predetermined reference voltage, said control unit ~~being adapted to issue~~issuing an output charge signal or a power out signal to said external power source for charging or stopping charging the external power source, ~~receive~~receiving said feedback actual quantity of electricity from said rechargeable battery when said external power source is temporarily disabled, ~~compare~~comparing said voltage of said feedback actual quantity of electricity of said rechargeable battery with said reference voltage for obtaining a voltage ratio, and ~~issue~~issuing a display signal based on said voltage ratio;

a driving unit for receiving said charge signal and converting said ~~same~~charge signal into a driving signal for output or receiving the power out signal;

a rectifier unit for receiving said driving signal, converting AC input from said external power source into DC, and charging said rechargeable battery with DC; and

a display unit for receiving said display signal prior to display.

10. (Currently Amended) The method of measuring and ~~display~~displaying an actual quantity of electricity of rechargeable battery according to claim 9, further comprising a correction unit between said control unit and said rechargeable battery.